This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

- 1. (Canceled)
- 2. (Canceled)
- 3. (Canceled)
- 4. (Canceled)
- 5. (Canceled)
- 6. (Canceled)
- 7. (Canceled)
- 8. (Canceled)
- 9. (Previously presented) An implantable medical pump, comprising: a fluid reservoir;
 - a valve for controlling the flow of fluid from the fluid reservoir;
 - a plurality of flow restrictors operatively coupled to the valve for providing a plurality of flow rates of the fluid from the fluid reservoir; and
 - a passive control for changing the flow rate setting of the valve in response to a received external control signal.
 - receiver within which a voltage is induced when the receiver is in the presence of the control signal.
- 11. (Original) The implantable medical pump of claim 10 wherein the control signal is a radio frequency signal.
- 12. (Original) The implantable medical pump of claim 11 wherein the radiofrequency signal is received from a programmer.

- 13. (Original) The implantable medical pump of claim 9 further comprising a first sensor for measuring the flow rate of the fluid.
- 14. (Original) The implantable medical pump of claim 13 further comprising a second sensor for measuring the volume of fluid in the fluid reservoir.
- 15. (Previously presented) An implantable medical pump, comprising: a fluid reservoir;
 - a multi-stable valve having multiple states for providing a plurality of flow rates of fluid from the fluid reservoir;
 - a flow restrictor operatively coupled to the multi-stable valve for regulating the flow rate of fluid from the fluid reservoir; and
 - a passive control for changing the flow rate setting of the multi-stable valve in response to a received external control signal.
 - receiver within which a voltage is induced when the receiver is in the presence of the control signal.
- 17. (Original) The implantable medical pump of claim 16 wherein the control signal is a radio frequency signal.
- 18. (Original) The implantable medical pump of claim 17 wherein the radiofrequency signal is received from a programmer.
- 19. (Original) The implantable medical pump of claim 15 further comprising a first sensor for measuring the flow rate of the fluid.
- 20. (Original) The implantable medical pump of claim 19 further comprising a second sensor for measuring the volume of fluid in the fluid reservoir.
 - 21. (Original) An implantable medical pump, comprising:
 - a fluid reservoir;
 - a plurality of valves for controlling the flow of fluid from the fluid reservoir;
 - a flow restrictor network operatively coupled to the plurality of valves for providing a plurality of flow rates of the fluid from the fluid reservoir; and

a control for changing the flow rate setting of the plurality of valves in response to a received control signal.

receiver within which a voltage is induced when the receiver is in the presence of the control signal.

- 23. (Original) The implantable medical pump of claim 22 wherein the control signal is a radio frequency signal.
- 24. (Original) The implantable medical pump of claim 23 wherein the radiofrequency signal is received from a programmer.
- 25. (Original) The implantable medical pump of claim 21 further comprising a first sensor for measuring the flow rate of the fluid,
- 26. (Original) The implantable medical pump of claim 25 further comprising a second sensor for measuring the volume of fluid in the fluid reservoir.
 - 27. (Original) An implantable medical pump, comprising:
 - a fluid reservoir;
 - a plurality of valves for controlling the flow of fluid from the fluid reservoir;
 - a flow restrictor for regulating the flow rate of fluid from the fluid reservoir; and
 - a control for changing the flow rate setting of the plurality of valves in response to

a received

control signal.

receiver within which a voltage is induced when the receiver is in the presence of the control signal.

- 29. (Original) The implantable medical pump of claim 28 wherein the control signal is a radio frequency signal.
- 30. (Original) The implantable medical pump of claim 29 wherein the radiofrequency signal is received from a programmer.
- 31. (Original) The implantable medical pump of claim 27 further comprising a first sensor for measuring the flow rate of the fluid.

- 32. (Original) The implantable medical pump of claim 31 further comprising a second sensor for measuring the volume of fluid in the fluid reservoir.
- 33. (Previously presented) The implantable medical pump of claim 9, further comprising a receiver for receiving the control signal via telemetry from an external device, wherein the control signal provides instruction to adjust the flow rate of the fluid from a first flow rate to a second flow rate.
- 34. (Previously presented) The implantable medical pump of claim 9, wherein the passive control is powered by the external control signal.
- 35. (Previously presented) The implantable medical pump of claim 15, further comprising a receiver for receiving the control signal via telemetry from an external device, wherein the control signal provides instruction to adjust the flow rate of the fluid from a first flow rate to a second flow rate.
- 36. (Previously presented) The implantable medical pump of claim 15, wherein the passive control is powered by the external control signal.
- 37. (Previously presented) The implantable medical pump of claim 21, further comprising a receiver for receiving the control signal via telemetry from an external device, wherein the control signal provides instruction to adjust the flow rate of the fluid from a first flow rate to a second flow rate.
- 38. (Previously presented) The implantable medical pump of claim 21, wherein the passive control is powered by the external control signal.
- 39. (Previously presented) The implantable medical pump of claim 27, further comprising a receiver for receiving the control signal via telemetry from an external device, wherein the control signal provides instruction to adjust the flow rate of the fluid from a first flow rate to a second flow rate.
- 40. (Previously presented) The implantable medical pump of claim 27, wherein the passive control is powered by the external control signal.
 - 41. (Previously presented) An implantable medical pump comprising in combination:

- a fluid reservoir;
- a passive regulator assembly for controlling a flow rate of fluid from the fluid reservoir;
- a receiver for receiving a control signal via telemetry from an external device, wherein the

control signal provides instruction to adjust the flow rate of the fluid from a first flow rate to a second flow rate; and

- a control responsive to the control signal for adjusting the passive regulator assembly to cause a change in the flow rate.
- 42. (Previously presented) The implantable medical pump of claim 41, further comprising an external power source for providing power to various components in the implantable medical pump.
- 43. (Previously presented) The implantable medical pump of claim 41, further comprising an external power source for providing power to the implantable medical pump necessary to adjust the flow rate.
- 44. (Previously presented) The implantable medical pump of claim 41 wherein the implantable medical pump is a passive device that is capable of delivery of drug to the patient without an internal power supply.
- 45. (Previously presented) The implantable medical pump of claim 41 wherein the control is an electromechanical control.
- 46. (Previously presented) The implantable medical pump of claim 41 wherein the control is a passive control powered by an external power supply.
- 47. (Previously presented) The implantable medical pump of claim 41 wherein the control signal is a radio frequency signal.
- 48. (Previously presented) The implantable medical pump of claim 41 wherein the control signal is received from a programmer.

- 49. (Previously presented) The implantable medical pump of claim 41 further comprising a first sensor for measuring the flow rate.
- 50. (Previously presented) The implantable medical pump of claim 41 further comprising a second sensor for measuring a volume of fluid in the fluid reservoir.
- 51. (Previously presented) The implantable medical pump of claim 41 wherein the passive regulator assembly comprises at least one valve.
- 52. (Previously presented) The implantable medical pump of claim 51 wherein the valve is a bi-stable valve.
- 53. (Previously presented) The implantable medical pump of claim 51 wherein in the valve is a multi-stable valve.
- 54. (Previously presented) The implantable medical pump of claim 51 wherein the valve is a shape-memory valve.
- 55. (Previously presented) The implantable medical pump of claim 51 wherein the valve is a bi-metallic valve.
- 56. (Previously presented) The implantable medical pump of claim 51 wherein the valve is a micromachined valve.
- 57. (Previously presented) The implantable medical pump of claim 41 wherein the passive regulator assembly comprises at least one restrictor.
- 58. (Previously presented) The implantable medical pump of claim 41 wherein the passive regulator assembly comprises at least one restrictor and at least one valve operatively coupled to the restrictor.
- 59. (Previously presented) The implantable medical pump of claim 41 wherein the control is an electromechanical control.
- 60. (Previously presented) The implantable medical pump of claim 41 wherein the control is an electromechanical control that receives an induced voltage in response to the control signal.